

Corresponding Author Surname	Title	Submission ID	SRMS Topic Area	Poster Session
Adams	Application of a High-Resolution X-Ray Fluorescence Analyzer	241	Techniques	Tuesday
Alatas	Inelastic x-ray scattering study of super cooled liquid and solid silicon	207	Liquid/Glass	Monday
Andreas	A Combined Fabry-Perot Interferometer for Moessbauer Radiation and Visible Laser Light	141	Techniques	Tuesday
Azevedo	Local structure and vibrational dynamics of CdSe quantum dots	149	Photomaterials	Tuesday
Bale	Triangulation Method for Grain Depth Measurement using Polychromatic Micro-beam Radiation	259	Engineering Materials	Monday
Barabash	Dislocations Arrangements in Shock-Recovered Al Single Crystals from White Beam Diffraction	109	Engineering Materials	Monday
Beesley-(submitted by Sven Schroeder)	High Throughput in Synchrotron Science: A New Approach in X-ray Absorption Spectroscopy	251	Techniques	Tuesday
Booth	NEXAFS Studies of Pharmaceutical Formulations	248	Chemistry/Biology	Tuesday
Brajpuria	Study of interface electronic properties of annealed Fe/Al multilayers using synchrotron radiation	303	Films/Surfaces/Multilayers	Monday
Brown	Synchrotron X-ray Diffraction Studies of the Suppression of Charge/Orbital Ordering by an External Magnetic Field	269	Strongly Correlated Systems	Tuesday
Buchholz	X-ray absorption spectroscopy studies of copper-doped zinc oxide: a high Tc dilute magnetic semiconductor	231	Strongly Correlated Systems	Tuesday
Cai	Direct observation of strain segregation in ZnO nanorings using x-ray diffraction	278	Nanostructure	Tuesday
Casa	Inelastic X-Ray Study of Plasmons in Oriented Single and Multi-Wall Carbon Nanotubes	119	Nanostructure	Tuesday
Chattopadhyay	XAFS Studies of Nanoparticles of a Dilute Magnetic Semiconductor Zn1-xMnxO	122	Magnetism	Monday
Chen	Electronic and orbital anisotropy of multiferroic TbMn2O5 by resonant x-ray emission spectroscopy and polarization-dependent x-ray absorption	177	Magnetism	Monday
Chiou	The Electronic Structure of Zn1-xCuO Film Studied by X-ray Absorption and Emission Spectroscopies	246	Films/Surfaces/Multilayers	Monday
Christensen	X-ray Standing Wave Atomic Images of Pt Nano-Crystals Supported on SrTiO3(001)	279	Nanostructure	Tuesday
Coelho	Magnetic Orientation of MnAs/GaAs (001) by Resonant Soft X-Ray Scattering and Magnetic Force Microscopy	321	Magnetism	Monday
de Jonge	Near-Field Coherent Diffraction Imaging (NFCDI) of electro-deposited lead microparticles	227	Techniques	Tuesday
Despa	The origin of long range attraction between hydrophobes in water	147	Liquid/Glass	Monday
Diallo	Bose-Einstein Condensation and Kinetic Energy in Liquid 4He Films	329	Films/Surfaces/Multilayers	Monday
Drakopoulos	The Joint Engineering, Environmental and Processing Beamline at the Diamond Light Source, UK	302	Techniques	Tuesday
Dufrense	Studies of Ultrafast fs-laser generated strain fields with coherent X-rays	272	Techniques	Tuesday
Dutta	Oriented assembly of inorganic crystals at soft-hard interfaces	284	Films/Surfaces/Multilayers	Monday
Eastman	In-Situ Synchrotron X-Ray Studies of Cu(001) Surface Structure in Elevated Temperature O2/CH3OH	230	Films/Surfaces/Multilayers	Monday
Fan	Characterization of medium-range order in organic-inorganic hybrid nanomaterials by fluctuation x-ray microscopy	172	Nanostructure	Tuesday
Fenner	lightsources.org: The Global Communication Portal for the Synchrotron Radiation Community	330	General Science	Tuesday
Filatova	X-ray reflection and emission spectroscopic analysis of Al2O3/Si and HfO2/SiO2/Si structure	170	Chemistry/Biology	Tuesday
Fong	In-Situ Studies of Absorbed Oxygen on Cu (001): On the Path to Oxidation	210	Films/Surfaces/Multilayers	Monday
Froideval	XAFS study of Nb in zirconium alloy corrosion layers	326	Chemistry/Biology	Tuesday
Fujiwara	Driving Mechanism Behind Diverse Electronic States in Manganese Perovskites Nd1-xSrxMnO3	179	Strongly Correlated Systems	Tuesday
Ganjoo	Study of photoexpansion and photocontraction in chalcogenide glass films by in-situ EXAFS	301	Photomaterials	Tuesday
Gosztola	Simultaneous X-ray and Visible Spectroelectrochemistry of TiO2 Nanocrystalline Films	107	Films/Surfaces/Multilayers	Monday
Grierson	X-Ray Absorption Microscopy and Spectroscopy Study of Ultra-thin Nanocrystalline Diamond Films	264	Films/Surfaces/Multilayers	Monday

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Hagman	Marker Motion Measurements of Nanoparticles in Polymer Matrices	154	Nanostructure	Tuesday
Haibel	Investigation of Nb3Sn phase formation in multifilamentary superconductors using synchrotron tomography and neutron diffraction	214	Strongly Correlated Systems	Tuesday
Hamdan	Role of Hole Doping in High Tc Superconductors by XAS Technique	292	Strongly Correlated Systems	Tuesday
Hanan	COMBINED DIFFRACTION AND TOMOGRAPHY ANALYZING CONTROLLED RESIDUAL STRESS IN SOLID FREEFORM FABRICATION	260	Engineering Materials	Monday
Hanley	X-ray Standing Wave Fluorescence for the Analysis of Bacterial Biofilms	236	Films/Surfaces/Multilayers	Monday
Harland	Synchrotron X-ray fluorescence study of 'Chocolate-on-White Ware'	113	General Science	Tuesday
Heo	Structural Analysis of SiCOH Low-k Thin Films Prepared by Chemical Vapor Deposition of Organosilane Precursors	287	Films/Surfaces/Multilayers	Monday
Herger	Surface structure and growth of perovskites	294	Strongly Correlated Systems	Tuesday
Holt	Dynamic fluctuations and static speckle in critical X-ray scattering from SrTiO3	103	Strongly Correlated Systems	Tuesday
Hsu	Structural Investigation of Epitaxial HfOx Films by X-ray Scattering	265	Films/Surfaces/Multilayers	Monday
Islam	Coexistence of long-range antiferromagnetism and short-range inhomogeneous superstructures in an insulating YBCO compound	254	Strongly Correlated Systems	Tuesday
Ji	Theoretical study on angle-resolved photoemission spectroscopy of graphite	336	General Science	Tuesday
Jin	High-pressure Synchrotron Radiation Studies of CaCrO3	188	Extreme Conditions	Monday
Jin	Pressure-induced structural evolution of Cu3N	190	Extreme Conditions	Monday
Jin	Structural Analysis of Well-Defined Star-Shape Polystyrenes in Solutions Using Synchrotron X-Ray Scattering	288	Polymers	Tuesday
Jin	Structural Analysis of Porcine Pepsin under various conditions by Synchrotron X-ray Scattering	289	Polymers	Tuesday
Kalita	Synchrotron-based, energy dispersive x-ray diffraction study of TiH2	221	Extreme Conditions	Monday
Kang	Nanometer Linear Focusing of Hard X-rays by a Multilayer Laue Lens	263	Techniques	Tuesday
Keavney	Insights into doped magnetic semiconductors from soft x-ray spectroscopy	239	Magnetism	Monday
Keavney	Vortex and magnetization reversal dynamics in patterned structures imaged using time-resolved PEEM	240	Magnetism	Monday
Kharlamova	Structural And Magnetic Transitions In GdFe3(B)3)4 at high pressure using synchrotron radiation	271	Extreme Conditions	Monday
Kim	X-ray standing wave imaging of atomic layer deposited (ALD) tungsten monolayers on a-TiO2 (110)	228	Films/Surfaces/Multilayers	Monday
Klug	High-Resolution X-ray Studies of Strained Ferroelectric Thin Films	235	Films/Surfaces/Multilayers	Monday
Kolesnik	Structural and physical properties of the A-site ordered perovskite manganites RBzMnxO6 (R=Pr, Pr1/2Nd1/2, and Nd)	145	Strongly Correlated Systems	Tuesday
Kortright	Resonant Soft X-Ray Scattering in Polymers and Organic Systems	267	Polymers	Tuesday
Kramer	Temperature Variations in the Reduced Distribution Function of Liquid Metals and Metallic Glasses	295	Liquid/Glass	Monday
Kravtsov	DAFS Study of Site-specific Local Structure of Mn in Manganese Ferrite Films	167	Magnetism	Monday
Kriventsov	A Study of Titania and Titania-silica Supported Systems by EXAFS and XANES Methods	319	Chemistry/Biology	Tuesday
Kriventsov	Structural study of syngas production nanocomposite catalytic system	317	Nanostructure	Tuesday
Kriventsov	XAFS study carbon nano-fibers (CNF) supported catalytic systems	318	Nanostructure	Tuesday
Kumar	Pressure Induced Valence Changes in YbAl3 Studied by Resonant Inelastic X-Ray Emission	229	Chemistry/Biology	Tuesday
Kuo	Improvement of luminance and deterioration resistance of BAM phosphor in PDP application	148	Photomaterials	Tuesday
Langstaff	A 768 channel detector for photoelectron spectroscopy using synchrotron radiation	297	Techniques	Tuesday
Lee	Structural and dielectric studies of Ba0.48Sr0.52TiO3/LaNiO3 artificial superlattices prepared by rf magnetron sputtering	117	Engineering Materials	Monday

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Lee	Polarization-dependent x-ray absorption studies of multiferroic TbMnO ₃	176	Magnetism	Monday
Li	Orientation of superconducting crystalline MgB ₂ in magnetic field determined by x-ray diffraction	132	Strongly Correlated Systems	Tuesday
Lienert	Three-Dimensional High-Energy Diffraction Microscopy of Polycrystalline Bulk Materials	201	Engineering Materials	Monday
Lin	X-ray studies of 4-bromostyrene self-assembled monolayers on silicon	256	Chemistry/Biology	Tuesday
Lin	Kinetics and Structures of Self-assembled Nanocrystal Superlattices Probed by in situ Small Angle X-ray Scattering	137	Nanostructure	Tuesday
Lin	Nanoscale clusters in thermoelectric AgPbmSbTem+2n and (PbTe) _x ((bS) _{1-x}) materials	268	Nanostructure	Tuesday
Liu	Spectroscopic studies of Pb corrosion of reactor materials	225	Chemistry/Biology	Tuesday
Magalhaes-Paniago	Magnetic Orientation of MnAs/GaAs(001) by Resonant Soft X-Ray Scattering and Magnetic Force Microscopy	143	Magnetism	Monday
Magalhaes-Paniago	Three-dimensional mapping of the strain anisotropy in self-assembled quantum-wires by grazing incidence x-ray diffraction	144	Nanostructure	Tuesday
Marschand	Adaptation of a commercial optical CMOS image sensor for direct-detection fast x-ray imaging	281	Techniques	Tuesday
Masadeh	Atomic PDF study of size and structure of CdSe nanoparticles	116	Nanostructure	Tuesday
Meng	Hard X-ray Photon Induced Dissociation of N ₂ and O ₂ and the Formation of Solid Nitrogen Oxide Phases at High Pressure	212	Extreme Conditions	Monday
Moser	Electromagnetic metamaterials-availability and spectral coverage of a new class of micro/nanofabricated composite materials	178	Engineering Materials	Monday
Natarajan	Effect of configuration interaction on the radiative decay of 2s23P configuration of Li-like ions	153	Techniques	Tuesday
Novosad	Photo-Emission Electron Microscopy Imaging of Magnetic Remanent States in Patterned Multilayers	237	Magnetism	Monday
Ohldag	Dichroism Soft X-ray Absorption Spectromicroscopy and Antiferromagnetic Surfaces and Interfaces	101	Magnetism	Monday
Ott	High-energy X-ray measurements of structural anisotropy and excess free volume in homogeneously deformed metallic glass	114	Liquid/Glass	Monday
Patterson	In-Situ Surface Diffraction: Perovskite Thin Film Growth	184	Films/Surfaces/Multilayers	Monday
Ping	X-RAY REFLECTOMETRY USING LOWER ENERGY PHOTONS	273	Techniques	Tuesday
Pilvelic	Order-disorder states in Li ⁺ -doped poly(ethylene glycol) distearates: a SAXS/WAXS/DSC study	257	Chemistry/Biology	Tuesday
Polzonetti	MOLLEcular Recognition and Electronic Structure for METALLOPORPHYRIN BRIDGING DINUCLEAR Pt AND Pd COMPLEXES AS INVESTIGATED BY X-RAY	186	Chemistry/Biology	Tuesday
Proux	X-Ray Absorption Spectroscopy experiments using Crystal Analyser Spectrometer	194	Techniques	Tuesday
Qinfen	High pressure studies and chemical bonding analysis of Rh ₃ Bi ₁₄ and Rh ₃ Bi ₁₂ Br ₂ compounds	274	Extreme Conditions	Monday
Rack	3D image analysis and ?-synchrotron-tomography for studying multi-component, micro-structured material systems	187	Engineering Materials	Monday
Raghavan	Probing interfacial nanoscale dynamics using x-ray Photon Correlation Spectroscopy to Understand Unique Thermo-mechanical Behaviour of Polymers	205	Polymers	Tuesday
Rau	Nano-Imaging of Photonic Crystals with a KB-FZP Microscope	129	Techniques	Tuesday
Ren	High-Resolution High-Energy X-ray Scattering for Materials Research at High Magnetic Fields	164	Techniques	Tuesday
Ridgway	Formation and Irradiation of Elemental Metallic Nanocrystals Characterised with EXAFS and SAXS	156	Nanostructure	Tuesday
Ridgway	A Novel Sample Preparation Method for Thin-film Transmission SAXS Measurements	155	Techniques	Tuesday
Ridgway	The X-Ray Absorption Spectroscopy Beamline at the Australian Synchrotron	282	Techniques	Tuesday
Rosenberg	X-ray excited optical luminescence studies of ZnS and ZnO nanostructures	219	Photomaterials	Tuesday
Ryan	Domain Ordering of a Highly Strained 5ML SrTiO ₃ Film grown on Si(001)	166	Films/Surfaces/Multilayers	Monday
Sakurai	Wavelength-dispersive X-ray fluorescence analysis in 35-60 keV region: high-resolution K spectra for Lanthanides	338	Techniques	Tuesday
Sarin	Curved Image Plate (CIP) Detector for Rapid High Resolution Powder X-Ray Diffraction Using Synchrotron Radiation	243	Techniques	Tuesday

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Sarkisyan	Study of Phonon Effects by Resonant "Forbidden" Reflections	140	General Science	Tuesday
Schleputz	The atomic surface structure of Y1Ba2Cu3O7-8 thin films and its relation to electronic properties	183	Strongly Correlated Systems	Tuesday
Schroeder	Structure-Property Relationships in Solid AlF3 Lewis Acids	249	Chemistry/Biology	Tuesday
Schroeder	Bridging the Material Gap between Model and Practical Au/TiOx Catalysts Using X-ray Spectroscopies	250	Chemistry/Biology	Tuesday
Sharma	Annealing induced changes at Co/GaAs (001) interface	304	Films/Surfaces/Multilayers	Monday
Shatnawi	Structural Study of novel alkali metal intercalated silica gel materials with potential as a hydrogen source	169	Chemistry/Biology	Tuesday
Shiley	Combined X-ray Tomography and Diffraction Analysis of Damage Evolution in Aluminum	309	Engineering Materials	Monday
Shpyrko	Nanoscale dynamics of magnetic domain walls with x-ray speckle	213	Magnetism	Monday
Sikora	XAS study of thermally induced nano-structuring in metal-doped carbon films	296	Films/Surfaces/Multilayers	Monday
Smadici	Soft x-ray resonant scattering from anti-ferromagnetic chromium	335	Magnetism	Monday
Soni	SYNCHROTRON X-RAY MICROPROBE ANALYSIS OF OPTICAL FIBERS	192	Engineering Materials	Monday
Sordelet	Devitrification studies in binary Zr-Pt systems using high-energy X-ray diffraction	150	Engineering Materials	Monday
Sozontov	Nanoscale diagnostics of crystal surface layers displacement with X-ray standing wave technique	276	Films/Surfaces/Multilayers	Monday
Stephenson/Jiang	In-situ X-ray Studies of the InxGa1-xN MOCVD Process	215	Films/Surfaces/Multilayers	Monday
Steuer	Analysis of domain switching and elastic lattice strain in ferroelectric ceramics	202	Engineering Materials	Monday
Tikhonov	Transition Region at the N-Hexane/Nanocolloidal Silica Interface	108	Chemistry/Biology	Tuesday
Tischler	Nonequilibrium Interlayer Transport from Time Resolved X-ray Surface Diffraction During Pulsed Laser Deposition	242	Films/Surfaces/Multilayers	Monday
Trenkle	On-situ x-ray diffraction of phase transformations in a nanostructured reactive multilayer foils	123	Magnetism	Monday
Tripathi	Bandgap variation study of annealed Si/Ge multilayers using Synchrotron Radiation	305	Films/Surfaces/Multilayers	Monday
Tsapatsaris	High throughput in-situ EXAFS instrumentation for the automatic characterization of materials and catalysts	217	Chemistry/Biology	Tuesday
Tutuncu	High Energy X-Ray Diffraction Investigation of Ferroelectric Constitutive Behavior	306	Engineering Materials	Monday
Tyufekchieva	Spectromicroscopy studies to characterization of sulphur species in oxic and anoxic forest soils	127	Chemistry/Biology	Tuesday
Vajda	GISAXS Studies of Model Nanocatalysts Synthesized by Cluster Deposition	261	Chemistry/Biology	Tuesday
Valeton	In-Situ X-ray study of the polymerization of liquid crystalline, conjugated oligothiophene derivatives	162	Polymers	Tuesday
Varlioglu	Mesoscale Response of Individual Grains of Polycrystalline BaTiO3 to Electrical Loading	308	Engineering Materials	Monday
Vu Van	Thermal disorder and melting in supercooled alumina	328	Liquid/Glass	Monday
Ward	Inhomogeneities and dynamics in glasses collapsed from zeolites	337	Liquid/Glass	Monday
Weber	Investigation of Liquid Structure in Near-Real Time Using Aerodynamic Levitation Melting and Large-Area X-ray Detectors	200	Liquid/Glass	Monday
Weber	Investigating the mechanism for liquid-liquid transitions in the system Y2O3:Al2O3 by X-ray diffraction and small angle X-ray scattering	209	Liquid/Glass	Monday
Yang	In Situ Characterization of AlPO-14 Using Synchrotron Powder Diffraction	223	Chemistry/Biology	Tuesday
Zanchet	Quantitative analysis of structure, size and strain distributions of Au nanoparticles	283	Nanostructure	Tuesday
Zhao	Yielding Strength and Grain Growth of Polycrystalline Metals Under High P-T Conditions	280	Engineering Materials	Monday
Zhou	Electronic state of Cu and Co chains on Pt (997)	182	General Science	Tuesday